Monochrome Laser Printer

HL-L5100DN

PRINT

Monochrome Laser Printer

Built for small workgroups this robust machine meets the needs of your business - combining excellent paper handling options, super fast print speeds and the new optional high yield toner cartridges significantly reduces your print spend, making this machine the ideal print partner for your office.

HL-L5100DN

Key Features:

- Fast print speeds of up to 40 ppm
- Combined paper input of 300 sheets
- Automatic 2-sided (duplex) printing
- High-yield replacement cartridges - Optional high yield 8,000[1] page toner cartridges
- 16 characters x 1 line LCD display
- High speed wired (10Base-T/100Base-TX) network interface

Increase Productivity Levels

- Significantly increase your workgroup productivity thanks to fast print speeds of up to 40 ppm
- Maximise performance with high speed wired (10Base-T/100Base-TX) network interfaces
- Easy to use 16 characters x 1 line LCD display allows users to complete tasks with no hassle

Complete Piece of Mind - Reliability

- New technology gives complete reliability enabling you to print up to 3,500 pages per month
- Outstanding paper handling options with a standard paper input capacity of 300 expandable to 1,340 and a standard 150 sheet output tray

Low Running Costs

- Designed for high volume print environments the HL-L5100DN includes a 2,000[1] page yield toner cartridge and can take an optional 3,000[1] page or 8,000[1] page toner cartridge to lower your running costs even further
- We've not just equipped these printers with features designed to turn heads. We've also made sure their total cost of ownership gives them an even bigger advantage over the competition

Meeting Your IT Challenges

- Modern businesses demand the highest levels of security. With Secure Function Lock 3.0 and Internet Protocol Security (IPsec). Plus, the range features Print Archive, Secure Reset and Certificate Management.

General

Technology	Electrophotographic Laser Printer
Laser Classification	Class 1 Laser Product (IEC60825-1:2007)
Processor	Cortex-A9 800MHz
Automatic 2-Sided Printing	Print on to both sides of the paper
Print Speed Standard (A4)	Up to 40 ppm (pages per minute)
Print Speed 2-Sided (A4)	Up to 20 sides per minute (10 sheets per minute)
Resolution	Up to 1,200 x 1,200 dpi
Quiet Mode	A mode to reduce the printing noise by reducing the print speed to 25 ppm
Memory	256MB
Local Interface	Hi-speed USB 2.0
Wired Network Interface	10Base-T/100Base-TX
Control Panel	16 characters x 1 line LCD display
FPOT (First Print Out Time)	Less than 8 seconds from ready mode
Warm Up Time	Less than 1 second from sleep mode
Print Languages	PCL6, BR-Script3 (PostScript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850, PDF version1.7, XPS version 1.0
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts, 13 barcodes
Embedded Fonts (Postscript)	66 scalable fonts
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM (US-Post-Net), Post Net (US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN (EAN), ISBN (UPC-E), Code128 (set A, set B, set C), EAN128 (set A, set B, set C)

Printer Functions

N-up Printing[3]	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)
Poster Printing[4]	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing[4]	Watermark your documents with predefined text or with your own user-defined messages
ID Printing[4]	Add identification to your printed documents (date & time, short custom message or PC username)
Manual 2-Sided Print[4]	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
Booklet Printing[4]	Print documents in A5 booklet format using automatic or manual 2-sided print
Skip Blank Page[4]	Ignores any blank pages in your documents by not printing them
Print Profiles[3]	Store your favourite driver settings as profiles to easily recall them
Print Text In Black[4]	Converts all colour text in your documents to solid black when printed
Print Archive[4]	An electronic carbon copy feature that saves an electronic copy of all printed documents as a PDF file
Carbon Copy[4]	Prints additional copies of the same document to paper taken from additional paper trays

Network & Security

Wired Network	Built in Ethernet 10Base-T/100Base-TX
Network Protocols	TCP/IP (IPv4 and IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/ v3, ICMP, Web Services (Print), CIFS client, SNTP client
IPv6 (Off by Default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c, ICMPv6, Web Services (Print), CIFS Client, SNTP Client
Wired Network Security	SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos, IPsec, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
Print Log To Network[4]	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
E-mail Notifications	Automatically have the device send e-mail alerts when it requires attention, such as when the toner is low or needs replacing
E-mail Reports	Receive usage reports on a regular basis via e-mail
IP Filter	Restrict which network users can or cannot access the device over the network (IPv4 only)
Secure Function Lock 3.0	Restrict printing activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 200 users
Setting Lock	Secures access to the devices control panel by locking it
Secure Print[3]	Protect print jobs with a 4 digit release code required at the device in order for them to be printed

Fleet Management Tools

Unattended Installer[4]	Ability to centrally deploy and customise our drivers and software
MSI Installer[4]	Modular installers that can be distributed through Active Directory®
Embedded Web Server	Web based print management software embedded onto the device
BRAdmin Professional 4[4&5]	LAN/WAN management software
Driver Deployment Wizard[4]	Easily create print drivers for hassle free deployment over your network

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1 Approx declared yield value in accordance with ISO/IEC19752.
2 Calculated with 80g/m² paper.
3 Windows® & Mac® only.
4 Windows® only.
5 Optional free download from the Brother Solutions Centre **http://support.brother.com**
6 Must be web connected.
7 Maximum number of printed pages per month can be used to compare designed durability between like Brother products.
  For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.
8 It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m².
9 Connection to wireless router required

Printer Driver

Windows®	Windows® 11 Windows® 10 (32 & 64 bit editions) Windows® 8 (32 & 64 bit editions) Windows® 7 (32 & 64 bit editions) Windows Vista® (32 & 64 bit editions) Windows® XP Professional (32 & 64 bit editions) Windows® XP Home Windows® Server 2012, 2012R2 & 2008R2 Windows® Server 2008 (32 & 64 bit editions) Windows® Server 2003 (32 & 64 bit editions)
Macintosh[5]	OS X 10.8.5, 10.9.x, 10.10.x, 10.11.x
Linux[5]	CUPS, LPD/LPRng (x86/x64 environment)
PostScript Universal Printer Driver	Driver for Windows® that enables you to print to any network or locally-connected Brother laser printer that supports PostScript
PCL Driver	Universal PCL5e generic driver

Standard Paper Handling

Paper Input[2]	Lower Tray – 250 sheets Multi Purpose Tray – 50 sheets
Paper Output[2]	Face Down - 150 sheets Face Up (Straight Paper Path) - 1 sheet

Optional Paper Handling

Paper Input[2]	250 sheet tray (LT-5500) - Maximum of 2 520 sheet tray (LT-6500) - Maximum of 2

Media Specification

Media Types & Weights[8]	**Standard & Optional Trays** - plain, recycled, coloured and letterhead paper (between 60 - 120g/m²) **Multi Purpose Tray** - plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m²) **2-sided Print** - plain, recycled, coloured and letterhead paper (between 60 - 105g/m²)
Envelope & Label Printing	Yes, from the Multi Purpose Tray: support for 10 envelopes up to 10mm total thickness
Media Sizes	**Standard Tray** - A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal **Optional Trays** - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal **Multi Purpose Tray** - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm **2-sided Print** - A4

Supplies & Accessories

Inbox Toner	2,000 pages[1]
Standard Yield Toner	3,000 pages[1] (TN-3420)
High Yield Toner	8,000 pages[1] (TN-3440)
Drum (DR-3425)	50,000 pages at 3 pages per job 30,000 pages at 1 page per job
Lower Tray (LT-5500)	250 sheet optional paper input tray
Lower Tray (LT-6500)	520 sheet optional paper input tray
Carton Contents	Toner cartridge, drum, power supply cord, driver software for Windows®, Quick Set-Up Guide (PC interface cable NOT included)

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media.

Paper Input/Output Sensors

Input	Onscreen & optional email alerts notifying you when any of the optional input trays are nearly empty or empty

Mobile/Web Based Printing

Brother iPrint&Scan[9] (Android)	Print and check the machine status from an Android device
Brother iPrint&Scan[9] (iPad / iPhone / iPod)	Print and check the machine status from an iPad / iPhone / iPod Touch
Brother iPrint&Scan[9] (Windows® Phone)	Print directly from a smart phone running the Windows® Phone Operating System
Brother Print&Scan[9] (Windows® 8 & RT)	Print directly from a Windows® 8 or Windows RT Tablet
AirPrint[9]	Print most common file types from any AirPrint enabled application
Mopria[9]	Print most common file types from Mopria supported Android devices
Android Print Service Plugin[9]	Print from Android devices without a dedicated App

Environment

Power Consumption	Printing - 640W (390W in quiet mode), Ready - 32W, Sleep - 6.5W, Deep sleep - 1.2W, Off - 0.04W
Sound Pressure Level	Printing - 52dbA, Quiet mode printing - 50dbA, Ready - Up to 34dbA
Sound Power Level	Printing - 6.9BA, Quiet mode printing - 6.47BA, Ready - Up to 4.7 BA
Power Saving	This enables the printer to consume less energy when not in use
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership

Dimensions & Weights

With Carton (WxDxH)	485 x 450 x 377mm 12.7 Kg
Without Carton (WxDxH)	373 x 388 x 255mm 9.3 Kg

Duty Cycles

Recommended Monthly	Up to 3,500 pages monthly print volume
Maximum Monthly[7]	Up to 50,000 pages monthly print volume

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Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.

www.brotherearth.com